## METHOD OF MAKING COPOLYMERS CONTAINING OLEFINIC TYPE MONOMERS

## **ABSTRACT**

Copolymers containing residues of at least one olefinic monomer and a method of making such copolymers including the steps of:

- (a) providing a pressurized stirred tank;
- (b) feeding monomer compositions to one or more stirred tank reactors, where at least one monomer composition includes one or more monomers according to structure (I):

(I) 
$$CH_2 = C R^1$$
 $R^2$ 

where  $R^1$  is linear or branched  $C_1$  to  $C_4$  alkyl and  $R^2$  is selected from methyl, linear, cyclic or branched  $C_1$  to  $C_{20}$  alkyl, alkenyl, aryl, alkaryl and aralkyl;

- (c) feeding an initiator composition to the STR;
- (d) maintaining in the STR hydraulically full;
- (e) maintaining the monomer compositions in (b) and the initiator compositions in (c) in the STR for a residence time sufficient to effect conversion of the monomers to a copolymer composition; and
  - (f) discharging the copolymer composition.